Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1023	349/110-111.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 14:34
S2	158804	electrode\$2 near15 (opening\$2 aperture\$2 hole\$2 slit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/16 14:36
<b>S4</b>	345	S1 and S2	USPAT	OR	OFF	2004/08/16 14:37
S5	21233	((black adj (matrix mask)) or shild\$6 or block\$6) and S2	USPAT	OR	OFF	2004/08/16 14:40
S6	274	((black adj (matrix mask)) or shild\$6 or block\$6) and S4	USPAT	OR	OFF	2004/08/16 14:40
<b>S7</b>	36	349/110 and 349/130	USPAT; JPO	OR	OFF	2004/08/16 16:37
S8	858	349/110	USPAT; JPO	OR	OFF	2005/11/22 15:17
S9	563	349/38	USPAT; JPO	OR	OFF	2002/09/24 08:52
S10	284	349/130	USPAT; JPO	OR	OFF	2002/09/24 09:35
S11	0	349/125 and (boundar\$4 near orientat\$4)	USPAT; JPO	OR	OFF	2002/09/24 09:38
S12	180982	orientat\$4 and control	USPAT; JPO	OR	OFF	2002/09/24 09:41
S13	22134	(orientat\$4 and control)and window	USPAT; JPO	OR .	OFF	2002/09/24 09:42
S14	5126	(orientat\$4 and control)and window and boundar\$4	USPAT; JPO	OR	OFF	2002/09/24 09:42
S15	76	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4	USPAT; JPO	OR	OFF	2005/06/10 12:40
S16	1	((light adj shield\$4) same (boundar\$4 near orientat\$4))	USPAT; JPO	OR	OFF	2002/09/24 09:48
S17	6	((light adj shield\$4) and (boundar\$4 near orientat\$4))	USPAT; JPO	OR	OFF	2002/09/24 09:53
S18	1	349/129 and (boundar\$4 near orientat\$4)	USPAT; JPO	OR	OFF	2002/09/24 10:35
S19	2	349/110 and (boundar\$4 near orientat\$4)	USPAT; JPO	OR	OFF	2002/09/24 10:42
S20	3	349/38 and (boundar\$4 near orientat\$4)	USPAT; JPO	OR	OFF	2002/09/24 10:42

			<del></del>			
S21	3	349/130 and (boundar\$4 near orientat\$4)	USPAT; JPO	OR	OFF	2002/09/24 10:42
S22	1	349/130 and (orientat\$4 adj divid\$4)	USPAT; JPO	OR	OFF	2002/09/24 10:45
S23	74	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4	USPAT; JPO	OR	OFF	2003/12/11 11:19
S24	136	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))	USPAT; JPO	OR	OFF	2005/06/10 12:40
S25	130	orientat\$4 adj divid\$4	USPAT; JPO	OR	OFF	2005/06/10 12:40
S26	94	349/125	USPAT; JPO	OR	OFF	2002/09/24 15:08
S27	48	("3914022"   "4581608"   "4701028"   "4728175"   "4786147"   "4889412"   "4937566"   "4978203"   "5039185"   "5042918"   "5093741"   "5182664"   "5249070"   "5229873"   "5309264"   "5339181"   "5392145"   "5477358"   "5517341"   "5517342"   "5574582"   "5576863"   "5594568"   "5602662"   "5608556"   "5621558"   "5623354"   "5638201"   "5666179"   "5668650"   "5673092"   "5686977"   "5710611"   "5736067"   "5737051"   "5739878"   "5767926"   "5777701"   "5777711"   "5853818"   "5856857"   "5963290"   "6067140"   "6084651"   "6091471"   "6100953"   "6157428"   "6222601"). PN.	USPAT	OR	OFF	2002/09/24 15:09
S28	1	"5710611".pn.	USPAT; JPO	OR	OFF	2002/09/24 15:24
S29	292	349/129	USPAT; JPO	OR	OFF	2002/09/25 08:59
S30	2490	(orientat\$4 or align\$4) adj (divid\$4 or window)	USPAT; JPO	OR	OFF	2002/09/25 09:31
S31	112	((orientat\$4 or align\$4) adj (divid\$4 or window)) and (liquid adj crystal)	USPAT; JPO	OR	OFF	2003/04/30 10:29
S32	194	((orientat\$4 or align\$4) adj (divid\$4 or window)) and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/30 10:38
S33	205	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4	US-PGPUB; USPAT; JPO	OR	ON	2005/06/10 12:41

and boundars4 and ((light adj shield4y) or (black adj matrix))and overlap\$4 and wid\$4 and 349/110   US-PGPUB; and boundars4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4 and 349/130   US-PGPUB; uSPAT; JPO   OR			•				
Sand boundar\$4 and ((light adj shield\$4) or (black adj matrix)) and overlap\$4 and wid\$4 and 349/130	S34	18	and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and	USPAT;	OR	ON	2003/12/11 11:20
and boundars4 and ((light adj shield44) or (black adj matrix))and overlaps4 and wids4 and 349/38  sary 6 ("5471330"   "5514879"   "5557534"   "5576860"   "5600155"   "5905548"). PN.  saryo.as. 34399 sanyo.as. USPAT OR OFF 2004/08/13 13:13  saryo.as. and ((orientation align\$4) near10 (control divider)) or shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) DERWENT; IBM_TDB  satisfy opaque) and ((orientation align\$4) near10 (control divider)) or DERWENT; IBM_TDB  satisfy opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccis. and overlap\$4 and "349"/\$.ccis. and overlap\$4  shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccis. and overlap\$4  shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccis. and overlap\$4 and "349"/\$.c	S35	1	and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and	USPAT;	OR	ON	2003/12/11 11:20
S38   4399   sanyo.as.   San	S36	4	and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and	USPAT;	OR	ON	2003/12/11 11:20
S39   67   sanyo.as. and ((orientation align\$4)   near10 (control divider))   S40   8012   ((black adj matrix) (light adj shield44)   shad\$4 opaque) and ((orientation align\$4) near10 (control divider))   S41   S51   ((black adj matrix) (light adj shield44)   S49",\$ccls.   S42   390   ((black adj matrix) (light adj shield44)   S49",\$ccls.   S42   390   ((black adj matrix) (light adj shield44)   S49",\$ccls.   S43   23   ((black adj matrix) (light adj shield44)   S49",\$ccls.   S43   390   ((black adj matrix) (light adj shield44)   S49",\$ccls.   S49",\$ccls.	S37	6	"5576860"   "5600155"   "5905548").	USPAT	OR	OFF	2004/08/13 13:05
Near10 (control divider)   Near10 (control divider)	S38	4399	sanyo.as.	USPAT	OR	OFF	2004/08/13 13:13
Shad\$4 opaque) and ((orientation align\$4) near10 (control divider))  S41 851 ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls.  S42 390 ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls.  S42 390 ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4  S43 23 ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4 and "349/130  S44 235 (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4  S45 242 (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4  S45 242 (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 or (black adj matrix))and overlap\$4  S46 275 286 287 288 289 290 290 290 290 290 290 290 290 290 29	S39	67		USPAT	OR	OFF	2004/08/13 13:23
Shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls.  S42  390  ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4  S43  23  ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4  S43  C(black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4 and "349"/\$.ccls. and overlap\$4 and "349"/\$.ccls. and overlap\$4 and "SPOPUB; USPAT; IBM_TDB  S44  235  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4  S45  242  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4)) or (black adj matrix))and overlap\$4  S45  246  Corientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4)) or (black adj matrix))and overlap\$4  S47  Corientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4)) or (black adj matrix))and overlap\$4  Corientat\$4 and (orientation align\$5 or 00 or 00 or 00 or 00 overlap\$4  Corientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4)) or (black adj matrix))and overlap\$4  Corientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4)) or (black adj matrix))and overlap\$4	S40	8012	shad\$4 opaque) and ((orientation	USPAT; EPO; JPO; DERWENT;	OR	ON	2004/08/13 13:24
Shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4  S43  23  ((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4 and "349/130  S44  235  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4  S45  242  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  overlap\$4  ON  2005/11/22 15:23  US-PGPUB; US-P	S41	851	shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and	USPAT; EPO; JPO; DERWENT;	OR	ON	2004/08/13 13:25
shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4 and 349/130  S44  235  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  (orientat\$54 and control)and window and boundar\$65 and ((light adj shield\$4) or (black adj matrix))and overlap\$65  (orientat\$65 and control)and window and boundar\$65 and ((light adj shield\$4) or (black adj matrix))and overlap\$7  (orientat\$65 and control)and window and boundar\$65 and ((light adj shield\$4) or (black adj matrix))and overlap\$7  (orientat\$65 and control)and window and boundar\$65 and ((light adj shield\$4) or (black adj matrix))and overlap\$7  (orientat\$65 and control)and window and boundar\$65 and ((light adj shield\$4) or (black adj matrix))and overlap\$7  (orientat\$75 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$75 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$75 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$75 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$75 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$80 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$80 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$80 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$80 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$80 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orientat\$80 and ((light adj shield\$8) or (black adj matrix))and overlap\$8  (orien	S42	390	shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and	USPAT; EPO; JPO; DERWENT;	OR	ON .	2004/08/13 13:25
and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4 and wid\$4  S45  242  (orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  OR  US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	S43	23	shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4 and	USPAT; EPO; JPO; DERWENT;	OR	ON	2005/11/22 15:23
and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4  USPAT; EPO; JPO; DERWENT; IBM_TDB	S44	235	and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and	USPAT;	OR	ON	2004/08/13 14:56
S47 1 "5473455".pn. USPAT OR OFF 2005/01/26 14:45	S45	242	and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and	USPAT; EPO; JPO; DERWENT;	OR	ON	2004/08/13 14:56
	S47	1	"5473455".pn.	USPAT	OR	OFF	2005/01/26 14:45

S48	296	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 12:40
S49	451	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 12:40
S50	239	orientat\$4 adj divid\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 12:40
S51	296	(orientat\$4 and control)and window and boundar\$4 and ((light adj shield\$4) or (black adj matrix))and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 12:41
S52	4	"5995176".pn. "5648828".pn. "6661488".pn. "6724452".pn.	USPAT	OR	OFF	2005/11/22 17:29
S53	1	"6410378".pn.	USPAT; JPO	OR	OFF	2005/11/22 15:17
S54	575	((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 15:31
S55	50	((black adj matrix) (light adj shield44) shad\$4 opaque) and ((orientation align\$4) near10 (control divider)) and "349"/\$.ccls. and overlap\$4 and 349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 15:31
S56	11265	(negative with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/22 17:30
S57	11355	(negative with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 17:30

S58	2116	(negative with dielectric) and "349"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 17:31
S59	241	(negative with dielectric) and "349"/\$. ccls. and 349/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 17:31
S60	25	(negative with dielectric) and "349"/\$. ccls. and 349/130 and (orientation adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/22 17:33